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Texas

THE INDIANS OF TEXAS IN 1830

By Jean Louis Berlandier

Edited and Introduced by JOHN C. EWERS

Translated by Patricia Reading Leclercq

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[title page]

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ARTIFACTS COLLECTED BY JEAN LOUIS BERLANDIER AMONG THE INDIAN TRIBES OF TEXAS

A small but historically important group of artifacts collected by Jean Louis Berlandier among the Indians of Texas is preserved in the Smithsonian Office of Anthropology. The French scientist made no reference to these specimens in his Indian manuscript, but a few of his original labels, written in French and in his own hand, are preserved with the collection. All but one of the artifacts are recorded as Comanche.[1]

Whether Berlandier collected these specimens during his travels in Texas as biologist for the Mexican Comisión de Límites, 1828–31, or during the succeeding two decades, while he lived in Matamoros, Mexico, just south of the Rio Grande, we do not know. Comanche war parties raided as far south as the Gulf Coast of Texas during the 1840s. William Bollaert's drawing of objects taken from a Comanche party who raided Corpus Christi in June 1844 pictures artifacts which closely resemble some of those in the Berlandier collection (see Figure 18). Although the collection can be dated no more precisely than 1828–51 (i.e. between Berlandier's arrival in Texas in 1828 and his death near Matamoros in 1851), we may consider it to be representative of Comanche Indian material culture during the second quarter of the 19th century. As such, it comprises either *the* earliest, or one of the earliest, extant collections from the largest nomadic tribe of Texas during the historic period—the Comanche.

These objects complement both Berlandier's descriptions and Lino Sánchez y Tapia's watercolors in rounding out Berlandier's unique record of the Comanche prior to 1850. Not for fully another quarter century was the

1. Artifacts from the Berlandier collection are entered in the first two catalog books of Smithsonian collections which are preserved in the Smithsonian Office of Anthropology.

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168 traditional Comanche culture fundamentally changed, owing to the extermination of the buffalo—their staff of life—their pacification by the U.S. Army, and their confinement to a reservation in present-day Oklahoma.

Berlandier was not the first white man to collect artifacts from the Comanche and their neighbors. As early as 1779 Governor Juan Bautista de Anza of New Mexico presented to Teodoro de Croix, Military Commander of the Internal Provinces of New Spain, the war headdresses taken from the bodies of the prominent Comanche war chief, Cuerna Verde (Green Horn), and his second in command, Jumping Eagle, after a battle on September 3, 1779, during which the Spanish decisively defeated Cuerna Verde's Comanche.[2] During the fall of 1807 Lieutenant Zebulon M. Pike, pioneer American explorer of the Southern Plains, sent Thomas Jefferson an Apache quiver and arrows and informed the President that he had "collected a variety of curiosities of various savage tribes through which we passed."[3] Unfortunately, I have found no record of the preservation of these earlier artifacts in public or private collections.

The very great majority of Comanche specimens in the museums of this country and abroad were collected within the Reservation Period—i.e. after 1875. The earlier objects in the Berlandier collection provide a solid base for future studies of trends and developments in the history of Comanche Indian arts and crafts. Even though they number less than 20 specimens, the ones Berlandier collected range from war equipment to costume and containers; they illustrate Comanche skills in featherwork, in dressing animal hides, and in decorating tough rawhide and soft skin surfaces with painted designs and trade beads during the second quarter of the 19th century. And they show the use at that time of trade cloth, rolled metal cones, and brass tacks in decorating articles of Indian make.

Comanche Shields Figures 19–23 Plate 17

The Berlandier collection contains three fine examples of the principle defensive weapon of the Comanche—the rawhide shield—commonly made from the breast of the buffalo, where the hide was thickest. Each shield was furnished with a cover of soft skin which enclosed and protected it when not in use.

In his written description of shields Berlandier makes repeated mention of the Comanche custom of tieing small animal skins to the fronts of the shields as war medicines.[4] The shield pictured in Figure 19 still has fragments of two pocket gophers (of the family Geomyinae) tied to it. Appar-

2. Thomas, 1932, pp. 134–36, 142.

3. Jackson, 1966, vol. 2, pp. 275–76. The quiver and arrows probably were from the Lipan Apache. Two of the arrows were deposited in Peale's Museum in Philadelphia and were entered in their Accession Book under the date May 4, 1808. (Accession Book, Peale's Museum, Dec. 4, 1804–October 1842, in Historical Society of Pennsylvania Library, Philadelphia.) These arrows were also mentioned in the Philadelphia *Aurora*, July 27, 1808.

4. See pages 54, 91, 116.

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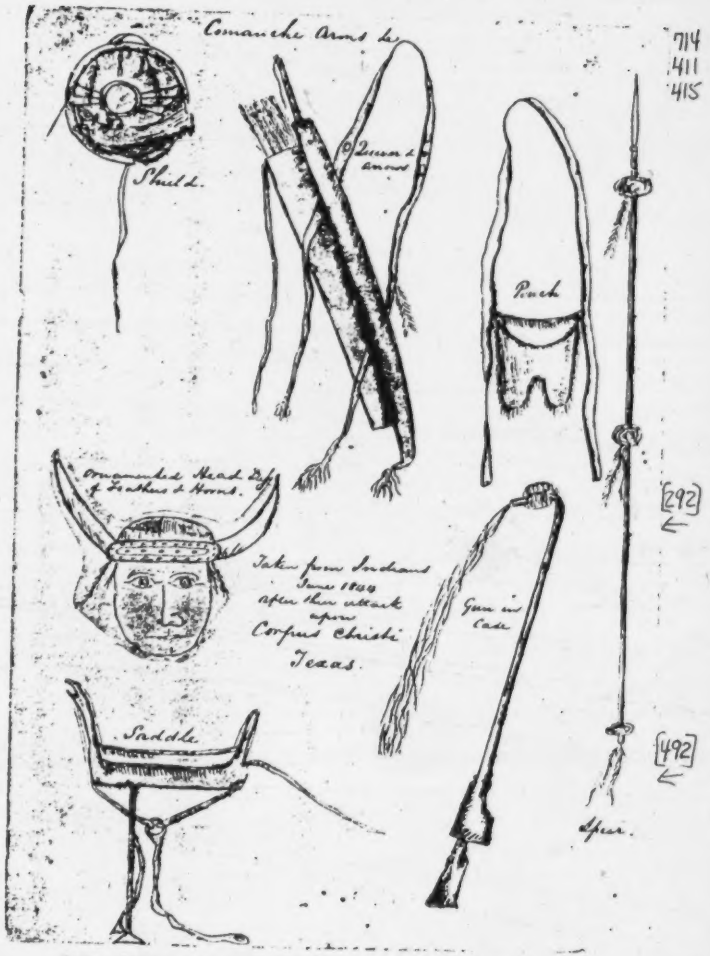

FIGURE 18. Weapons and equipment captured from a Comanche war party that raided Corpus Christi, Texas, in June 1844. Sketch by William Bollaert.

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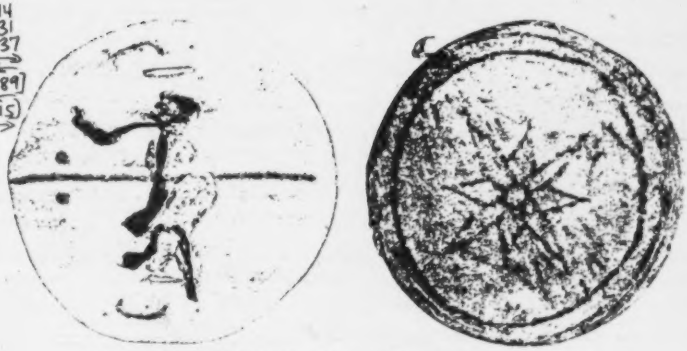

FIGURES 19-20. Comanche shield, with medicines attached, and painted cover. (USNM 4432.)

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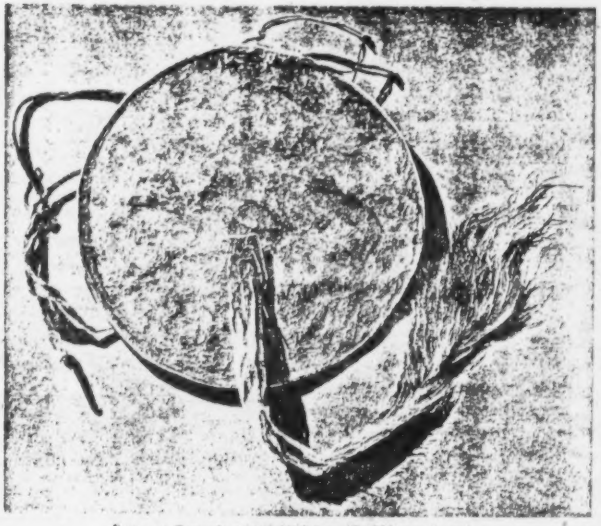

FIGURE 21. Comanche painted shield cover. (Field Museum 62,579.)

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ently the body cavities of these small animals were stuffed with grass before they were tied to the shield. The shield is 59 cm. in diameter and 5 to 6 mm. thick at the edge. Its front surface is further decorated with a painted reddish-brown stripe about 2.5 cm. wide, flanked with white stripes, two small green circles (one above and one below the stripe), and two U-shaped designs in green. The narrow loops of rawhide which pass through the shield surface provide an attachment at the back of the shield for a carrying strap of horsehide 7.5 cm. wide.

This shield is provided with a loosely fitted cover of soft skin, 60 cm. in diameter, which is held in place by a buckskin drawstring that gathers the outer edge of the cover at the back of the shield when pulled tight and tied. This cover is painted in a geometric design composed of a thick black border and an eight-pointed motive outlined in black and filled in with yellow paint (see Figure 20). The latter may be a conventionalized sun symbol.

A second shield base is but 31 cm. in diameter and 4 to 6 mm. thick at the edge. Only its cover is decorated (see Figure 21). A black line encircles the circumference of the cover; black and red concentric circles are painted at the center, and a hoofed mammal with horns—a buffalo or deer?—is painted in black. The tail of a cow, with the hair left on, is tied to the center of the cover as a pendant.[5]

The most elaborately decorated of the three shields is shown in Figures 22 and 23. Its cover (Figure 23) is 53.5 cm. in diameter and bears a conventionalized painting of a bear in black (12 cm. long), a black circle filled with black dots at the center, a black stripe below this, and two black dots to the left of the center. Four small feathers are also tied to the center of the cover. The base of this shield (Figure 22) is 50 cm. in diameter and 5 to 6 mm. thick at the edge. A border of red trade cloth 7 cm. wide is tied at intervals to the outer edge of the shield base. To the inner edge of this cloth are tied 73 pelican feathers as pendants. The trade cloth is decorated with a rectangle of blue pony beads about 7 by 6.5 cm. in size.

The base of this shield (with trade cloth and feather border removed to reveal the shield painting completely) is pictured in color on Plate 18.[A] The large, horned figure in the center may represent either a buffalo or a man (much simplified and conventionalized) wearing a horned headdress. The two monochrome human figures, flanking the central figure, one black and one yellow, are rendered in the same style. Both have featureless rings for heads; short, solid necks; solid, roughly rectangular bodies; and linear ex-

5. This specimen was cat. no. 1470 in the Smithsonian collections but was transferred to the Field Museum, Chicago, in 1901 and is preserved in that museum as cat. no. 68579. Donald Collier, Chief Curator, Department of Anthropology, Field Museum, has kindly supplied photographs and measurements of this specimen.

A [See Plate 17, p. 180-A—Analyst.]

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FIGURES 22–23. Comanche decorated shield and painted cover. (USNM 4430.)

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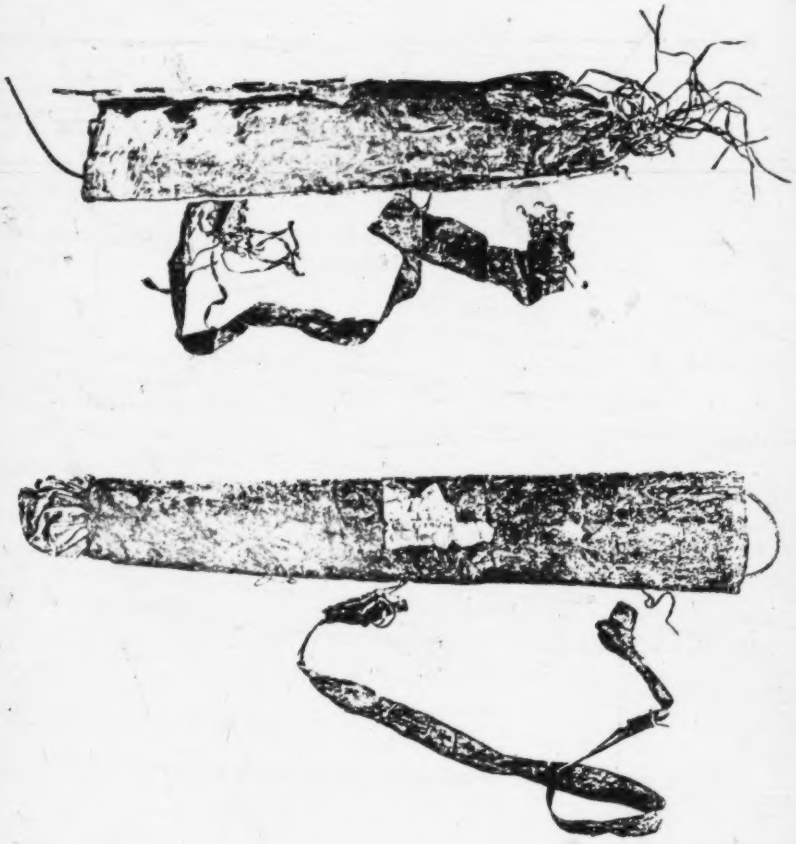

FIGURES 24–25. Comanche quivers. (USNM 1474 and 4433.)

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174 tremities. The arms are bent at the elbows and end in three-fingered hands. The straight legs are turned up at their extremities to form feet.

In its rudimentary simplicity the style of human figure represented by this Comanche artist resembles some of the human figures pictured on exposed rock surfaces and in caves of Texas as recorded by archeologists. A. T. Jackson has expressed the opinion that "a few of the historic paintings in West-Central Texas, and perhaps elsewhere, may have been made by the Comanches."[6] The styles of human and animal figures appearing on these three shields are essentially as primitive as are the paintings on rock surfaces and evidence no influence from the white man's artistic traditions.

Black and yellow are the colors most prominently used in these shield paintings. In 1837 Noah Smithwick observed that the Comanche regarded a yellow substance, resembling ochre, as having "power to turn aside any missile which might be directed against a body on which it had been rubbed."[7] The shield paintings were essentially protective designs.

Comanche Quivers Figures 24–25

Two Comanche quivers in the Berlandier collection are pictured in Figures 24 and 25. The first (Figure 24) is of horsehide, 69 cm. long, and decorated with a cut fringe at the back, as well as at the ends of the 5.5 cm. wide rawhide shoulder strap. The second quiver is longer (75 cm.), of horse or deerhide, with a rear extension of buffalo hide, hair inside, about 9 cm. in length. Its rawhide shoulder sling is but 3 cm. wide. Each quiver is fitted with bent wooden spacers which prevent the case from twisting or bending out of shape. Unlike the Comanche specimen illustrated by Bollaert (Figure 18, top center), these quivers are not combined with bow cases. Nor are they made of white wolf hide, which Berlandier learned the Comanche preferred for protecting their weapons because of the strong supernatual powers they attributed to the white wolf.[8]

Comanche Powder Horn Figure 26

Powder horns pictured by Lino Sánchez y Tapia as carried by Lipan, Comanche, Tonkawa, Tawehash, Kickapoo, Koasati, and Karankawa Indians are a dark color, suggesting that they were of buffalo horn.[9] A Comanche powder horn from the Berlandier collection (Figure 26), however, is of domesticated cattle, large numbers of which had reverted to the wild state in Texas before the 1830s. This piece measures 8 cm. in diameter at the base and 2 cm. at the tip. A wooden plug, painted red, has been inserted in the base. Presumably a smaller wooden plug was placed in the tip end to prevent powder from falling out. The horn is decorated

6. Jackson, 1938, p. 465. The same source illustrates a wide variety of conventionalized human figures occurring in pictographs at Texas sites (plates CCLII–CCLXIX), as well as the representation of a buffalo horn headdress painted on the shield of Comanche Jack, which was used by him in raids into Texas prior to 1880 (plate CCXLIII).

7. Smithwick, 1900, p. 191.

8. Berlandier, 1841, p. 180.

9. See Plates 1–6, 11, 14, and 15.

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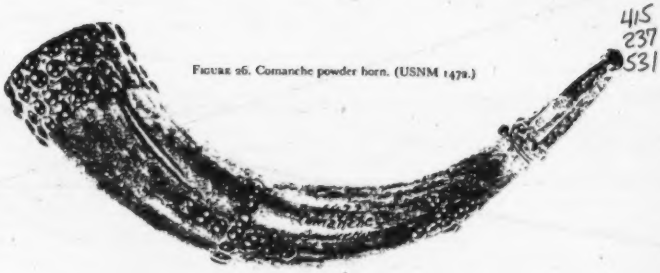

FIGURE 26. Comanche powder horn. (USNM 1479.)

FIGURE 27. Comanche war whistle. (USNM 5964.)

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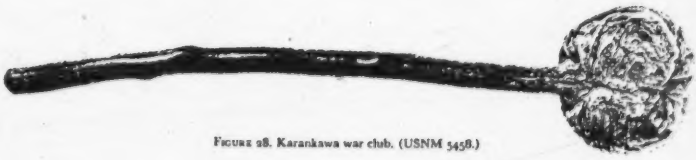

FIGURE 28. Karankawa war club. (USNM 5458.)

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 profusely with brass tacks in four bands near the base end, and two crosses spaced at equal distances of the length of the horn.

Comanche War Whistle Figure 27

Berlandier mentions the Comanche war leader's use of a whistle to blow commands to his followers while in action against the enemy.[10] One of these whistles, collected by Berlandier, is pictured in Figure 27. It is made from the ulna of an eagle and is 19.5 cm. in length. Open at both ends and with a triangular finger stop cut in one side, the whistle is provided with a cord of twisted rawhide for suspension from the leader's neck. While among the Comanche in 1883, shortly after the intertribal wars ended, Ten Kate was told of the former use of an eagle bone whistle to sound signals in battle.[11] George Bird Grinnell describes the Cheyenne use of a bone war whistle.[12] This was not an instrument peculiar to the Comanche.

Karankawa War Club Figure 28

A war club of the Karankawa Indians of the Gulf Coast is made from a single piece of ironwood (Ostrya sp.). The burl forms a head 10 cm. in diameter, and the projecting branch provides a handle 36 cm. in length. Although this club weighs but one pound, ironwood is an exceptionally hard and strong material. This must have made an effective weapon in close combat. The Indian who made this weapon must have shown considerable ingenuity in recognizing the potentiality of this abnormal tree growth as a war club. It is improbable that ironwood burls were typical Karankawa weapons, because they were uncommon in nature.

This club was obtained by John Varden, proprietor of the Washington Museum in the District of Columbia, while he was in New Orleans on a collecting trip in 1838. He recorded the specimen as a "War club of the Crank-a-War Indians of Texas" from a "George W. Chambers." Although Berlandier did not collect this piece, it is contemporaneous with the specimens in his collection. It may be the only war club that has been preserved from the Karankawa, whom Berlandier met in 1829, less than three decades before that tribe became extinct.

Comanche Painted Rawhide Case Plate 18

Women were the painters of geometric designs on parfleches and other rawhide cases among the Plains Indians. A fine example of Comanche women's painting on rawhide appears in Plate 18A. This case is made from a single piece of rawhide folded twice to form the front, back, and triangular top flap of the case. When folded the case is nearly square—26 cm. high by 28 cm. wide. The case is laced tightly together at the sides with long narrow strips of rawhide, which also provide decorative fringes, some as long as 48 cm. This form of case was well known among the Blackfoot and neighboring tribes of the Upper Missouri as early as the 1830s and was used to hold sacred objects. The painted designs in green, red, and black on the front of

10. Page 71.
11. Ten Kate, 1885, p. 7.
12. Grinnell, 1962, vol. 1, p. 204.

See p. 180-B—Analyst.

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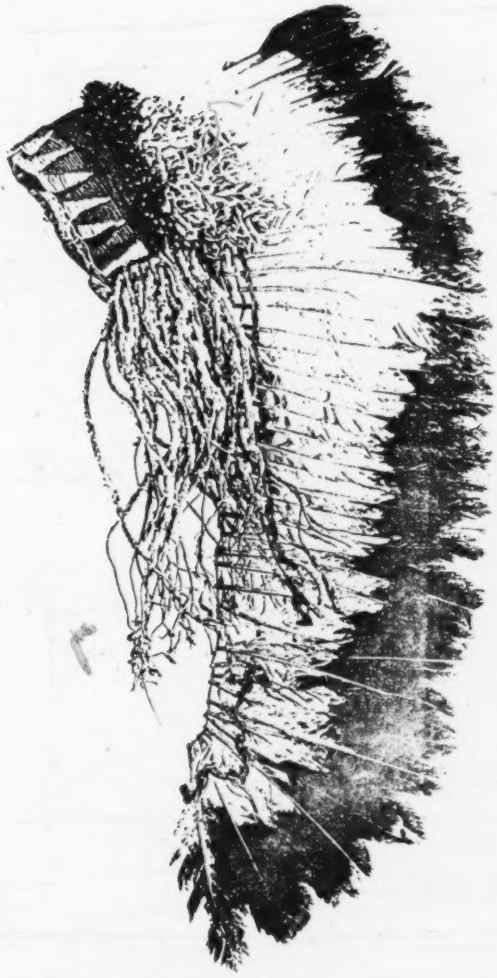

FIGURE 29. Comanche feathered bonnet. (USNM 1475.)

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178 this Comanche case resemble, however, the geometric painted designs of the Cheyenne more closely than those of the Upper Missouri tribes.[13]

Comanche Beaded Pouch Plate 19

Berlandier termed a beaded pouch of unusual shape in his collection a Comanche "game bag." It appears as Plate 19[A]. William Bollaert, however, pictured a pouch of nearly identical size and shape among the articles taken from the Comanche who attacked Corpus Christi in June 1844. (See Figure 18, upper left.)[B] Perhaps this pouch served for holding medicines or valuable war equipment. The soft skin pouch is 29 cm. wide at the top, and each of the two finger-like projections provides a pocket 25 cm. deep. A series of buckskin tiestrings serves both to hold together the front and back pieces of skin forming the pouch and to provide a decorative fringe. Virtually the entire front of the case is decorated with beadwork in the large or "pony bead" size. The border and two equal-armed crosses are in white, the background in blue beads. The edge of the top flap is decorated with fringe. The beads on this flap are applied in the lazy stitch in three bands: the lower and upper bands are of white and blue "pony beads" while the center band is of the much smaller "sead beads" in white and red.

We know that Spanish officials presented beads to the Indians of Texas during the 18th century and that Dr. Sibley reported Comanche fondness for blue beads in 1807, but this may be one of the earliest examples of Comanche beadwork that has been preserved.[14]

Feathered Headdress Figure 29

A very handsome headdress of a Comanche man is pictured in Figure 29. In form and construction it differs markedly from the more familiar feathered bonnet with beaded browband worn by the Comanche and Indians of many other tribes on dress occasions within the Reservation Period—the headdress that has become the widely recognized symbol of the North American Indian.

This headdress has two major parts, a cap and a trailer of feathers. The cap is fashioned of two pieces of soft-dressed skin of equal size, one forming each side, sewn together with sinew along the vertical midline of the back. It is made to cover the sides, back, and top of the wearer's head but does not extend as far forward as his brow. The lower borders extend to points at the front of each side. The upper part of the cap is covered with red trade cloth, and this, in turn, is decorated with a band of beadwork passing over the top

13. Wissler (1910, pp. 77–78) pictures a side-fringed rawhide case from the Blackfoot and mentions similar cases from the Sarsi, Gros Ventres, Arapaho, and tribes of the Northwestern Plateau in the collections of the American Museum of Natural History.

14. On May 20, 1770, De Mézières requested "two arrobas of beads, white, blue and red" for presents to the chiefs of the Comanche and neighboring tribes, and in 1779 listed 54 pounds of glass beads received for the same purpose. (Bolton, 1914, vol. 2, pp. 201–02, 244.) Dr. Sibley found that the Comanche in 1807 were indifferent to many articles of trade desired by other tribes: "Blue & Red Stroud, Vermillion, Blankets, Blue Beads & knives, are almost the only Articles they Seem Anxious to obtain." (Sibley, 1922, p. 81.)

A [See p. 180-C--Analyst.]
B [See p. 169--Analyst.]

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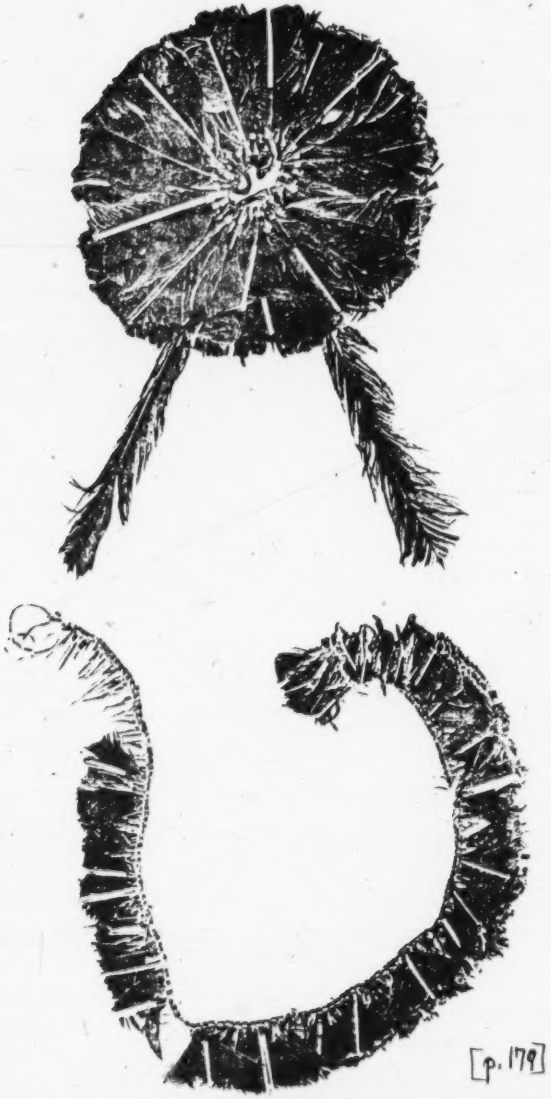

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FIGURES 30–31. Comanche feather ornaments. (USNM 1477 and 1478.)

180 of the head at the front. The designs are long, interlocking triangles of the larger size embroidering beads, sometimes referred to as "pony beads," sewn to the base in a lazy stitch. The triangles pointing forward are of sky blue and those directed backward of white beads. Toward the back of the cap a band of clipped turkey vulture feathers extends over the top, behind which are sewn short narrow strips of rabbit skin. Much longer strips of rabbit skin, each tied to the lower edge of the red cloth, serve as dangling pendants from each side of the cap.

The trailer consists of 43 secondary wing feathers of the immature golden eagle. The uppermost six feathers are tied to the back of the cap. Each feather is secured in place by passing it through a hole in a strip of rawhide (2 cm. wide), looping the basal end of the feather around a buckskin cord, and wrapping it with sinew. The slotted rawhide strip through which the feathers pass serves as a spacer to keep the feathers an equal distance apart.

In view of the known relationship between the Comanche and Shoshoni, it is of interest to find similar caps worn by Shoshoni Indians pictured in Alfred Jacob Miller's drawings and paintings based upon his visit to the fur traders' rendezvous in Wyoming during the summer of 1837.[15]

Although a Comanche warrior may have worn this feathered headdress in battle, there is no reason to believe it was more or less typical of Comanche war headgear than several other types. The headdress of the famous Comanche war chief, Cuerna Verde (Green Horn), was described as early as 1768 as "a green horn on his forehead, fixed in a headdress, or on a tanned leather head piece."[16] A two-horned bonnet captured from the Comanche who raided Corpus Christi in June 1844 is depicted in Figure 18. Lino Sánchez y Tapia's watercolor of Comanche warriors (Plate 3)[B] shows both a horned buffalo hide cap and a bonnet of upright plumes. David G. Burnet, who knew the Comanche in 1819, wrote of them, "The head-dress is as various as their fancies can suggest and their means supply. Parrow-a-fifty's parade head-dress was a cap made of the scalp of a buffalo bull, with the horns attached in proper position. . . . They sometimes load their heads with feathers, arranged in lofty plumes, or dangling in the air in pensile confusion, or wove into an immense hood."[17] It is apparent that individual preference was reflected in the variety of Comanche headgear worn prior to 1850.

Feather Ornaments Figures 30-31

A circular ornament composed of 57 clipped turkey vulture feathers, carefully strung on a thin buckskin cord by doubling the end of each feather around the cord and tieing it securely with sinew, is shown in Figure 30.

15. Ross, 1951, pp. 34, 127, 199.
16. Thomas, 1940, p. 167.
17. Burnet (1851, p. 133) and Wallace and Hoebel (1952, pp. 82-83) claim that the well-known "war bonnet" of the Plains Indians (presumably the brow-banded type) was not common among the Comanche before the 1870s.

A [See p. 169--Analyst.]
B [Plate 3 has not been processed for the Files--Analyst.]

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PLATE 17. Comanche painted shield. (USNM 4430.)

[p. 180-A]

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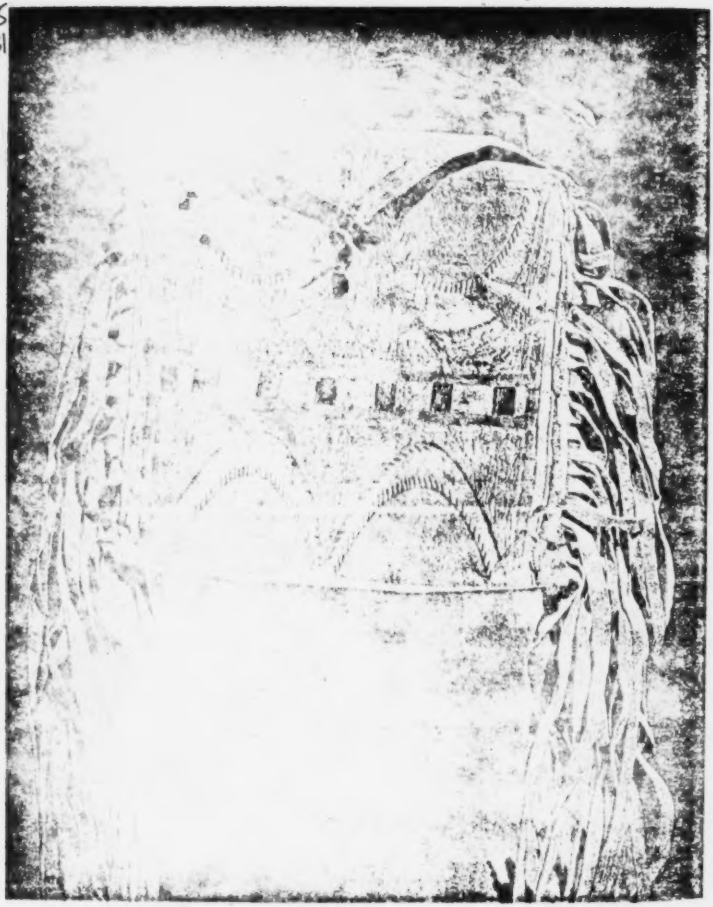

PLATE 18. Comanche painted rawhide case. (Peabody Museum, Salem, Mass., E 3780.)

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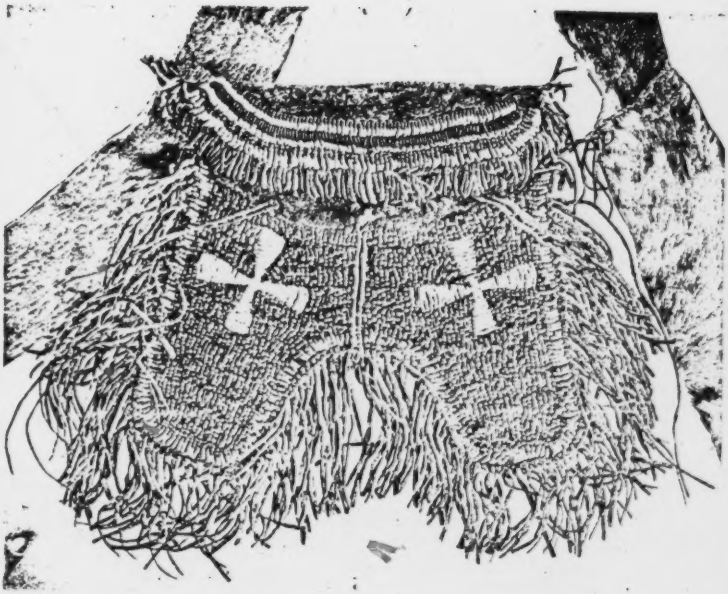

PLATE 19. Comanche beaded pouch. (USNM 1473.)

[p. 180-C]

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PLATE 20. Upper garment of a Comanche woman, worn by Vivian Poolaw, a Kiowa-Comanche. See also Figures 36 and 37. (USNM 148o.)

[p. 180-D]

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FIGURE 32. Pair of Comanche hard-soled moccasins. (USNM 1471.)

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FIGURE 33. Pair of soft-soled moccasins of Caddoan type. (USNM 1466.)

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FIGURE 54. Comanche horsehide pouch. (USNM 1469.)

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FIGURE 35. Comanche small beaded pouch. (USNM 1467.)

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184 Two longer, complete feathers from a smaller bird are tied to the cord in a similar fashion. Probably this ornament was worn by a Comanche man at the back of the head, with the two longer feathers in an upright position, either as a war medicine or as a dance ornament. The circular ring is 17 cm. in outer diameter; the longest of the two complete feathers is 19 cm. in length.

Another Comanche feather ornament is composed of clipped turkey vulture feathers tied in line to a buckskin cord. (see Figure 31.) The length of this feathered band must originally have been 54 cm., although some feathers toward one end are now fragmentary. There are two buckskin tiestrings at one end, and one at the other. The length of this ornament suggests that it may have been worn as a headband or a neckband.

Comanche Moccasins Figure 32

Although moccasins are probably the most common objects in Plains Indian collections, the pair illustrated in Figure 32 is especially noteworthy as probably the earliest documented example of Comanche footgear, and one of the earliest examples of the hard-soled moccasin from the Great Plains. Each moccasin consists of two pieces, a rawhide hard sole sewn to a soft-skin upper. The upper is a single piece of skin so cut as to furnish the narrow tongue and upturned ankle flap as well as the foot covering. The maximum sole length is 27 cm., and the highest portion of the ankle flap, measuring along the vertical seam at the back, is 10 cm. Each moccasin also has a buckskin tiestring which passes through holes in the upper just forward of the ankle opening, one at each side and one at the center of the back.

Caddoan (?) Moccasins Figure 33

Berlandier does not claim that the moccasins illustrated in Figure 33 are of Comanche origin. They differ basically from the moccasins in Figure 32, each being formed of a single piece of soft dressed skin which provides the sole and covering for the foot as well as the relatively high-topped ankle flaps. These moccasins have no tongues. They are sewn in only two places, up the center back of the heel, and along the midline of the instep from toes to ankle opening, the front portion gathered and puckered over the toes. Each moccasin is 23 cm. long on the bottom of the foot and 17 cm. high at the vertical heel seam. Soft-soled moccasins of this general type had a wide distribution among the Woodland Indian tribes. Dr. Edward Palmer collected a pair of moccasins of this pattern among the Caddo in 1868.[18] The Berlandier specimen may also be of Caddoan origin.

Comanche Horsehide Pouch Figure 34

A Comanche pouch of undetermined use was ingeniously fashioned from the neck and mane of a horse. The mane serves as a decorative pendant to a pouch, roughly 12 cm. square, formed by sewing portions of two sides of the neck together at the sides with sinew. The pouch was carried by a rawhide cord of uneven width, which passed over the user's shoulder and was sewn to the top of each side of the pouch.

18. See Swanton, 1942, plate 13 (top).

415 [531] A small but elaborately decorated pouch from the Comanche (Figure 35) may have served a woman as a container for small toilet articles. Presumably it was worn on dress occasions, supported by the two twisted buckskin cords passed under a woman's belt. Probably the ends of the cords hung free so that the rolled metal cones attached to them would jingle as the woman moved, as would the similar metal jinglers attached to the cut fringes of the top and base of the pouch. The body of the pouch, of reddish-brown buckskin, measures but 8 cm. in height, and 7.5 cm. in its greatest width 415 across the bottom. The vertical seams at each side of the pouch and the tie 531 cords are edged with blue and white seed beads. Even smaller seed beads are used in decorating the front surface of the pouch and flap. Designs on the flap comprise a small rosette with four projecting triangles, and a border band of triangles on a blue ground. Rounded and less precisely defined elements appear in the 1.5 cm. wide beaded horizontal band at the base of the pouch. Bead colors are predominantly the primary ones, red, yellow, and blue, although a few green, pink, and white beads are used. Perhaps the most significant aspects of this pouch historically are its proof that the type occurred on the Southern Plains prior to 1850 and that, even at that early time, small seed beads were employed in its decoration.

Beaded Small Pouch Figure 35

292 [28] [237] A handsome upper garment for a Comanche woman was ingeniously fashioned from a single deerskin (see Figure 36) which measured 106 cm. long by 60 cm. wide in its center dimensions. The basic form of the deerskin has been little altered, even the leg extensions being preserved. A transverse slit in the skin 25 cm. in length provides the hole for the wearer's head and neck, and the garment is draped over her shoulders with the head portion of the skin in front and the tail portion behind. Plate 20 shows a front view of this garment, as worn by Miss Vivian Poolaw, a young Kiowa-Comanche woman from western Oklahoma. Although the center of the hide falls but 52 cm. below the neck opening, the deer legs extend below the wearer's 292 531 wrists. Primary decoration consists of a blocky reddish-brown painted area extending over the shoulders and down the center both in front and in back. (See Figure 37, showing a back view.) The garment is slightly longer in 292 back (54 cm. on the midline). Note also the long cut fringe at each side which conceals the upper arms and upper forearms, and the much shorter cut fringes on the bottom edges of the garment in front and back. Rolled 292 metal jinglers are attached to a few of the short fringes in front. There is a 531 decorative border of brass tacks around the neck opening and a row of buckskin string pendants about 15 cm. below the neck opening at both front and back. On one of these front strings are strung five large beads, two blue and three red.

Comanche Woman's Upper Garment Plate 20 and Figures 36-37.

292 Presumably this handsome garment was worn by a Comanche woman on dress occasions rather than for daily wear, which may account for its difference in construction from the fitted upper garment pictured in Lino Sánchez

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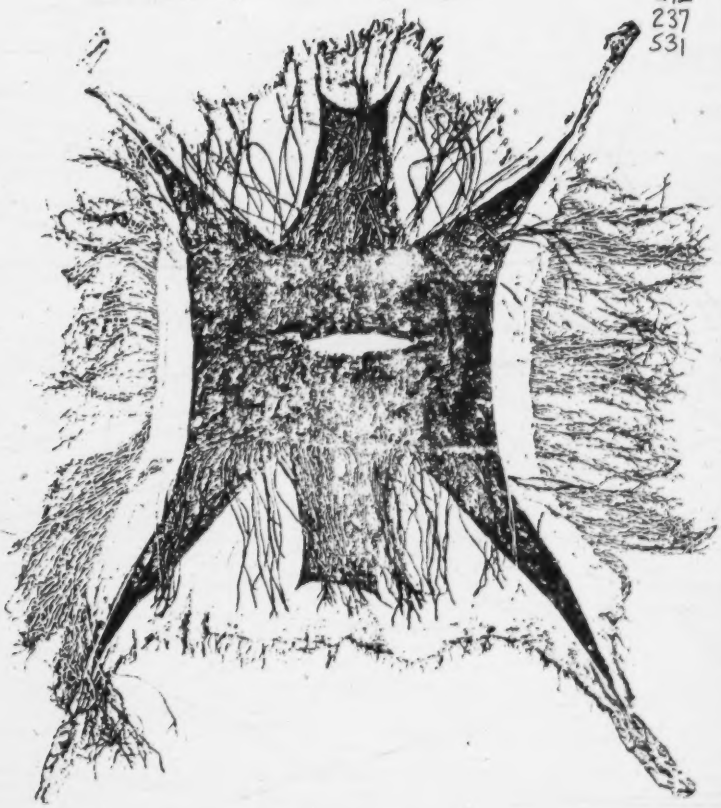

FIGURE 36. Comanche woman's upper garment, spread out, showing pattern of construction from a single deerskin. See also Plate 90 and Figure 37. (USNM 1480.)

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FIGURE 57. Back view of figure 56 as worn. See Plate 20 for front view.

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FIGURE 58. Comanche *collar* for a pet antelope. (USNM 1468.)

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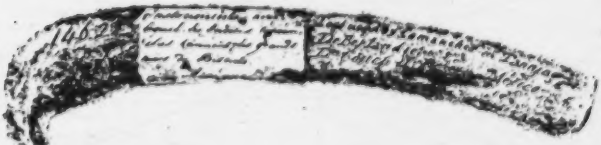

FIGURE 59. Comanche skin dressing tool. (USNM 1469.)

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188 y Tapia's watercolor of the Comanche man and woman.[19] Variants of this loose-fitting, poncho-like upper garment appear in Lino's watercolors of several neighboring tribes—the Lipan Apache, Tawakoni, Karankawa, and Cocos, although the Caddoan and Karankawan versions appear to be of more abbreviated form.[20]

Earlier descriptions of this type of garment in the literature suggest that it formed a part of the aboriginal costume of the women of the Southern Plains. In 1541 the Coronado expedition found the Teya women wearing "something like a sanbenitos with a fringe, which reached halfway down the thigh over the petticoat." They also found the Indian women of Sonora wearing petticoats (or skirts) of "tanned deerskin and little sanbenitos reaching half way down the body."[21] Onate noted in 1601 that in hot weather the Indian women on the plains near the Arkansas were clothed only "from the waist down."[22] Numerous references to painting and tattooing of the breasts and upper bodies by Tonkawan and Caddoan women also suggest that the poncho-like upper garment must have been commonly dispensed with in warm weather.

Nevertheless, among the Comanche this old style of skirt and poncho-like upper evolved into a skirt and blouse, laced together at the waist with buckskin thongs, before the beginning of the Reservation Period, and our earlier style is not even mentioned in Wallace and Hoebel's monographic study of the Comanche.[23] The specimen in the Berlandier Collection may be the only extant example of this earlier Comanche woman's garment.

Collar for Pet Antelope Figure 38

A collar for a pet antelope is illustrated in Figure 38. It is composed of a backing of red trade cloth to which is sewn with thread (not sinew) a strip of cloth 21 cm. long by 1.5 cm. wide, to which are sewn 62 rolled metal cones on short, individual buckskin cords. These cones made a jingling sound as they struck against each other whenever the antelope moved.

Skin Dressing Tool Figure 39

Berlandier's handwritten label, still attached to this specimen, reads in translation: "Instrument with which the Comanche Indians dress large buffalo hides." This piece (Figure 39) is a section of elk horn 27 cm. in length, which formed the handle of a woman's skin-dressing tool. The blade, of chipped stone or iron, is missing. It was fitted against the flattened inner surface of the downward-projecting head of the elk horn handle and held in place by a lashing of rawhide. Generally the lashing was applied wet, so that

19. See Plate 2.
20. See Plates 1, 13, 15, and 16.
21. Winship, 1896, pp. 507, 517. In a footnote to p. 507 the editor explains that a "sanbenito" is "a broad piece of cloth hanging before and behind" with a hole for the wearer's head.
22. Bolton, 1918, p. 258.
23. Wallace and Hoebel (1952, p. 85) describe only the later skirt and blouse in their account of Comanche women's clothing. Their field work among the Comanche was begun, however, in the 1930s. It is doubtful that even their oldest informant was born before Berlandier collected the garment described above.

A [Sánchez y Tapia's watercolors have not been reproduced
A for the Files--Analyst.]

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412 it would shrink as it dried and bind the blade securely to the handle. In 189
284 using this tool to remove the hair or to chip the inner surface of a buffalo
412 hide to an even thickness, the woman stood on the hide, bent over, and, with
281 the sharp blade nearly perpendicular to the surface of the hide, performed
her painstaking task with vigorous strokes, holding the tool with both hands.
412 Elk horn-handled skin-scraping tools of this kind were widely used among
(171) the Plains Indians, as well as the Shoshoni and their neighbors west of the
Rockies, in historic buffalo days.[24] This may be, however, the earliest well-documented example of this useful tool from the Comanche.

24. Wissler (1910, pp. 67–68) pictures four of these adze-like tools equipped with blades and gives the tribal distribution of this type of skin-dressing implement.

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